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| <b>TRANSMITTAL LETTER TO THE UNITED STATES<br/>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br/>CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>   |  | ATTORNEY'S DOCKET NUMBER<br>22135-00025-US                          |
| INTERNATIONAL APPLICATION NO.<br>PCT/EP03/05737   | INTERNATIONAL FILING DATE<br>2 June 2003 | U.S. APPLICATION NO. (If known, see 37 CFR 1.5)<br><b>107517059</b> |
| TITLE OF INVENTION <b>SYNTHETIC CASING SECTIONS CLOSED AT ONE END</b>   |  |   |
| APPLICANT(S) FOR DO/EO/US      Christian Auf Der Heide et al.   |  |   |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:   |  |   |
| <p>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</p> <p>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2))           <ul style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ul> </p> <p>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).           <ul style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ul> </p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))           <ul style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ul> </p> <p>8. <input checked="" type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).</p> |  |   |
| Items 11 to 20 below concern document(s) or information included:   |  |   |
| <p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A preliminary amendment.</p> <p>14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input checked="" type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).</p> <p>20. <input checked="" type="checkbox"/> Other items or information: Return Receipt Postcard</p>   |  |   |

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| U. S. APPLICATION NO. (if known, see 37 CFR 1.5)  | INTERNATIONAL APPLICATION NO. | ATTORNEY'S DOCKET NUMBER             |                     |             |
| <b>10/517059</b>  | PCT/EP03/05737                | 22135-00025-US                       |                     |             |
| 21. <input checked="" type="checkbox"/> The following fees are submitted:   |                               | <b>CALCULATIONS</b> PTO USE ONLY     |                     |             |
| <b>BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) – (5)):</b>   |                               |                                      |                     |             |
| Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO .....   |                               | \$1110.00                            |                     |             |
| International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO .....   |                               | \$950.00                             |                     |             |
| International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO .....  |                               | \$780.00                             |                     |             |
| International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) .....   |                               | \$750.00                             |                     |             |
| International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) .....   |                               | \$100.00                             |                     |             |
| <b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>   |                               | \$ 950.00                            |                     |             |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).   |                               | \$                                   |                     |             |
| <b>CLAIMS</b>   |                               | <b>NUMBER FILED</b>                  | <b>NUMBER EXTRA</b> | <b>RATE</b> |
| Total claims  | 22-20 =                       | 2                                    | x 18.00             | \$ 36.00    |
| Independent claims  | 2-3 =                         |                                      | x                   | \$ 0.00     |
| <b>MULTIPLE DEPENDENT CLAIM(s) (if applicable)</b>  |                               |                                      | +                   | \$          |
|   |                               | <b>TOTAL OF ABOVE CALCULATIONS =</b> |                     | \$ 986.00   |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.  |                               |                                      |                     | \$          |
|   |                               | <b>SUBTOTAL =</b>                    |                     | \$ 986.00   |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).  |                               |                                      |                     | \$          |
|   |                               | <b>TOTAL NATIONAL FEE =</b>          |                     | \$ 986.00   |
| Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property   |                               | +                                    |                     | \$ 40.00    |
|   |                               | <b>TOTAL FEES ENCLOSED =</b>         |                     | \$ 1026.00  |
|   |                               | Amount to be refunded:               |                     | \$          |
|   |                               | Amount to be charged:                |                     | \$          |
| <p>a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.</p> <p>b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. 22-0185 in the amount of \$ 1026.00 to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 22-0185. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.</p> |                               |                                      |                     |             |
| NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.   |                               |                                      |                     |             |
| SEND ALL CORRESPONDENCE TO:   |                               |                                      |                     |             |
| <i>Susan E. Shaw McBee</i>  |                               |                                      |                     |             |
| SIGNATURE: Susan E. Shaw McBee  |                               |                                      |                     |             |
| NAME _____  |                               |                                      |                     |             |
| CUSTOMER NUMBER: 30678 REGISTRATION NUMBER: 39,294  |                               |                                      |                     |             |